				LATTORNEY/O POOKST NUMBER					
FORM ( (REV. 7		90 (Modified) U.S. PATENT AND TRADEMA	ATTORNEY'S DOCKET NUMBER						
	TR	ANSMITTAL LETTER T	2642.039 (D7500048US)						
		DESIGNATED/ELECTE	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
C	CON	<b>CERNING A SUBMISS</b>	ION UNDER 35 U.S.C. 371						
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/DE2005/000275 17 February 2006 23 February 2004									
	HOD	NVENTION AND SYSTEM FOR REDUCIN		E PROCESSING OF ASYMMETRIC SIGNAL					
APPL	ICAN	T(S) FOR DO/EO/US							
Maní	fred S	ORST and Michael GIESELER							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1.	$\boxtimes$	This is a FIRST submission of item	ns concerning a submission under 35 U.S.C	371					
2.			ENT submission of items concerning a subm						
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.							
4.	$\boxtimes$	The US has been elected (Article 31).							
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))							
		a. 🗵 is attached hereto (requi	red only if not communicated by the Interna	ational Bureau).					
		b. 🗵 has been communicated	by the International Bureau.						
		c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).							
6.		An English language translation of	f the International Application as filed (35 U.	S.C. 371(c)(2)).					
		a.  is attached hereto.							
		b. $\square$ has been previously submitted under 35 U.S.C. 154(d)(4).							
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))							
		a. 🗵 are attached hereto (required only if not communicated by the International Bureau).							
		b. 🛛 have been communicate	b. 🗵 have been communicated by the International Bureau.						
		c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.							
		d. $\square$ have not been made and will not be made.							
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).							
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).							
12.	$\boxtimes$	A copy of the International Search	Report (PCT/ISA/210).						
lt	ems 1	3 to 23 below concern document	t(s) or information included:						
13.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
15.	☒	A FIRST preliminary amendment.							
16.		A SECOND or SUBSEQUENT preliminary amendment.							
17.		A substitute specification.							
18.		A power of attorney and/or change of address letter.							
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.							
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).  Express Mail Label No.							

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATION						1	ATTORNEY'S DOCKET NUMBER			
			PCT/DE20	05/00	00275	26	42.039 (D750	0048US)		
23. Other iten	23. Other items or information:									
Th. 6-11						CALC	ULATIONS	PTO USE		
_	i fees have been s ational fee		: 		\$30		\$300.00	FIOUSE		
	ation fee (37 CFR						φ500.00			
If the written opini	on prepared by IS.	A/US or	he international preliminar	y exa	•	t \$	\$0.00			
			isty provisions of PCT An		\$0 \$20	,				
26. 🗆 Search	fee (37 CFR 1.492	(b))								
by IPEA/US	indicates all clain	ns satisfy	rnational preliminary exan provisions of PCT Article	33(1)	)-(4) \$0					
			aid on the international ap			\$	\$0.00			
International Sear	ch Report prepare	d by an i	SA other than the US and	provi	ided to the					
			the IB							
TOTAL	OF 24, 25 and	26 =				\$	\$300.00			
☐ Additional fer sequence lis	e for specification ting in compliance	and draw	rings filed in paper over 10 CFR 1.821(c) or (e) or com R 1.492(j)). heets of paper or fraction	0 she	eets (excluding r program					
The fee is \$2	250 for each addition	onal 50 s	heets of paper or fraction	there	of.					
Total Sheets	Extra Sheets		Number of each additional 50 or raction thereof (round up to a whole							
12 - 100 =	0 /50 =		0		x \$250.00	\$	\$0.00			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).										
CLAIMS	NUMBER F		NUMBER EXTRA		RATE					
Total claims	3	- 20 =	0	х	\$50.00	\$	\$0.00			
Independent clair	ns 1	- 3=	0	х	\$200.00	\$	\$0.00			
MULTIPLE DEPE	NDENT CLAIMS	(if applica	able)	+	\$360.00	\$	\$0.00			
TOTAL OF ABOVE CALCULATIONS =						= \$	\$300.00			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$	\$150.00			
SUBTOTAL =						= \$	\$150.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$	\$ \$0.00			
TOTAL NATIONAL FEE =							\$ \$150.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						\$	\$ \$0.00			
TOTAL FEES ENCLOSED =						= \$	\$ \$150.00			
						Amou	ınt to be	\$		
						Amou	int to be	\$		

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a. 🗀	A check in the amount of \$	ck in the amount of \$ to cover the above fees is enclosed.						
b. 🔀	Please charge my Deposit Account No.  A duplicate copy of this sheet is enclosed.	08-1935	_ in the amount of \$	\$150.00	to cover the above fees.			
c. 🗆	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.							
d. 🔲	Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:								
			SIGNATUR	RE				
VICTOR A. CARDONA					NA			
			NAME					
			44,589					
			REGISTRA	ATION NUMBE	:R			
			August 2	3, 2006				
			DATE					